Mountain Weather Forecast

Yorkshire Dales National Park

Forecast valid from 06:00 on Monday 09 Aug 2021 until 23:59 on Tuesday 10 Aug 2021

Forecast Issued on Monday 09 Aug 2021 at 04:09

Confidence: Low for rain and shower detail to start the working week, but high for an increasingly settled trend.

Headline for Monday 09 Aug 2021: Generally cloudy with showers developing with risk of afternoon thunderstorms.

Mountain weather hazards on Monday 09 Aug 2021

Blizzards No Likelihood	**Heavy Snow** No Likelihood	**Storm force winds** No Likelihood
Gales No Likelihood	**Severe chill effect** Low Likelihood	**Poor visibility** Low Likelihood
Thunderstorms Low Likelihood	**Heavy persistent rain** Low Likelihood	**Strong sunlight** Low Likelihood

Weather and chance of precipitation at 600m					
Time					
06:00	09:00	12:00	15:00	18:00	21:00
Cloudy	Cloudy	Cloudy	Cloudy	Cloudy	Cloudy
Precipitation probability					
40%	40%	40%	40%	40%	40%

Forecast for Monday 09 Aug 2021

Weather: Generally a rather cloudy day with isolated showers at first then becoming more showery into the afternoon with a low risk of lightning. The southeast should fare best, although even here sunny intervals are not expected to be particularly prevalent, perhaps most likely in the afternoon but with the same risk of thundery showers. Cloud thickening and descending into the evening.

Chance of cloud free mountain/hill tops above 600m: 10% at first on Monday morning becoming 80% by the afternoon.

Visibility: Moderate to good for much of the day, perhaps becoming poor in any heavy showers.

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Mountain Weather Forecast

Forecast for Monday 09 Aug 2021

Height (m)	Wind Speed mean/gusts (mph) Wind Direction (blowing from)						
	06:00	09:00	12:00	15:00	18:00	21:00	00:00
600	15/20 SW	16/21 SW	16/23 SW	17/25 SW	14/20 SW	10/15 SW	10/15 SW
300	6/15 SW	10/19 SW	12/22 SW	12/23 SW	9/18 SW	6/13 SW	6/13 SW
Valley	3/12 SW	9/18 SW	11/21 SW	11/21 SW	7/15 SW	4/11 SW	4/11 SW

Height (m)	Temperature / Feels Like (°C)						
	06:00	09:00	12:00	15:00	18:00	21:00	00:00
600	10/7	11/8	12/9	12/9	11/8	10/8	11/9
300	12/11	14/12	15/13	14/12	14/12	13/12	13/12
Valley	13/13	15/14	16/14	16/14	15/14	14/14	14/14
Freezing Level*	2100m	2200m	2200m	2400m	2400m	2400m	2400m

**Level above which ground is expected to be frozen/snow is expected to settle.*

Meteorologist's View

Wind-chill will be reasonably marked, given the brisk wind across summits.

Recent rainfall: measured at Malham: altitude 375m

Recorded at	Last 24 hours:	Last 48 hours:	Last 72 hours:
02:00 on Mon 09 Aug 2021	39.8mm	64.6mm	71.8mm

Forecast for Tuesday 10 Aug 2021

Weather: Cloudy with showers or longer spells of rain possible during the morning, these mainly, but not exclusively across western exposure. Drier in the east and eventually more generally as showers ease, on the whole eventually improving to a drier and brighter day.

Maximum wind: Westerly 20mph.

Chance of cloud free mountain/hill tops above 600m: 20 percent first thing, soon improving to 70 percent.

Visibility: Moderate improving very good, but once again moderating in showers.

Temperature: **Valleys:** Plus 11 becoming plus 18 Celsius.
At 600m: Plus 13 Celsius.
Freezing level: Well above the summits.

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